

Title (en)
BALER SYSTEM WITH PRESERVATIVE MONITORING

Title (de)
BALLENPRESSENSYSTEM MIT KONSERVIERUNGSMITTELÜBERWACHUNG

Title (fr)
SYSTÈME DE PRESSE À BALLES AVEC SURVEILLANCE DE CONSERVATEUR

Publication
EP 4245120 A1 20230920 (EN)

Application
EP 23160466 A 20230307

Priority
US 202217655038 A 20220316

Abstract (en)
A baler system is operable to determine an initial quantity of a preservative stored in a tank and define an application rate of the preservative to be applied per bale during a harvest operation. A number of bales to be formed during the harvest operation may be estimated, and a determination made on whether or not the initial quantity of the preservative at the defined application rate is sufficient to treat the estimated number of bales to be formed during the harvest operation. When a controller determines that the initial quantity of the preservative is not sufficient to treat the estimated number of bales to be formed during the harvest operation, the controller may send a notification to a system manager requesting additional preservative be delivered to the baler implement. The status of the preservative may be continuously monitored and updated throughout the harvest operation.

IPC 8 full level
A01F 15/07 (2006.01); **A01F 15/08** (2006.01)

CPC (source: EP US)
A01F 15/0715 (2013.01 - EP); **A01F 15/08** (2013.01 - EP); **A01F 15/0816** (2013.01 - US); **A01F 15/0825** (2013.01 - EP); **A01F 15/0833** (2013.01 - EP US)

Citation (search report)
• [XAI] US 2021176918 A1 20210617 - FRANZEN DEVIN M [US], et al
• [A] US 4916888 A 19900417 - SHEEHAN RONALD T [US], et al
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• [A] US 9736987 B2 20170822 - KRAUS TIMOTHY J [US]
• [A] WO 2021011767 A1 20210121 - CNH IND CANADA LTD [CA], et al
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4245120 A1 20230920; US 11825774 B2 20231128; US 2023292669 A1 20230921

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